AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1. (currently amended): A barium titanate powder comprising a perovskite structure having a ratio c/a of 1.008 or more and ratio d/D of from 1 to 1.5, wherein "c" is a length of ~~the~~a c axis, "a" is a length of ~~the~~an a axis in the perovskite structure, "d" is an average particle diameter and "D" is an equivalent BET specific surface area diameter.

2. (original): The barium titanate powder according to Claim 1 wherein the average particle diameter is 0.3 μm or less.

3. (original): The barium titanate powder according to Claim 2 wherein the average particle diameter is 0.05 μm or more.

4. (original): The barium titanate powder according to Claim 1 wherein the particle density is 5.8 g/cm^3 or more.

5. (original): The barium titanate powder according to any of Claims 1 to 4 wherein the loose bulk density is 1.4 g/cm^3 or more and the packed bulk density is 1.8 g/cm^3 or more.

6. (original): A method of producing a barium titanate powder, comprising the steps of:

(1) heating a mixture containing a titanium compound and a barium compound under a gas atmosphere containing a halogen at a temperature of not less than about 200℃ and less than the temperature for generation of barium titanate,

(2) calcining the obtained mixture under an atmosphere containing substantially no halogen at a temperature of not lower than the temperature for generation of barium titanate.

7. (original): The method according to Claim 6 wherein the halogen in the step (1) is at least one selected from chlorine, bromine and iodine.

8. (original): The method according to Claim 7 wherein the halogen in the step (1) is chlorine.

9. (previously presented): The method according to Claim 7 wherein the gas containing a halogen is selected from the group consisting of molecular halogens, hydrogen halides and halides.

10. (original): The method according to Claim 9 wherein the gas containing a halogen is selected from the group consisting of molecular halogens and hydrogen halides.

11. (original): The method according to Claim 6 wherein the halogen concentration of the atmosphere in the step (1) is about 0.5 vol% or more and about 50 vol% or less.

12. (original): The method according to Claim 6 wherein the total pressure of the atmosphere in the step (1) is about 0.1 MPa or more and about 1 MPa.

13. (original): The method according to any of Claims 6 to 12 wherein a powder obtained in the step (2) is re-calcined under an atmosphere containing substantially no halogen at a temperature of 800℃ or more and 1100℃ or less.

14. (previously presented): The method according to Claim 8 wherein the gas containing a halogen is selected from the group consisting of molecular halogens, hydrogen halides and halides.

15. (previously presented): The method according to Claim 14 wherein the gas containing a halogen is selected from the group consisting of molecular halogens and hydrogen halides.

16. (previously presented): The method according to either of Claim 14 or 15 wherein a powder obtained in the step (2) is re-calcined under an atmosphere containing substantially no halogen at a temperature of 800℃ or more and 1100℃ or less.